

Pigure 2

Air Interface Control Bus

Processor

000

control

control

control

ATM

Sase Station Clients

290

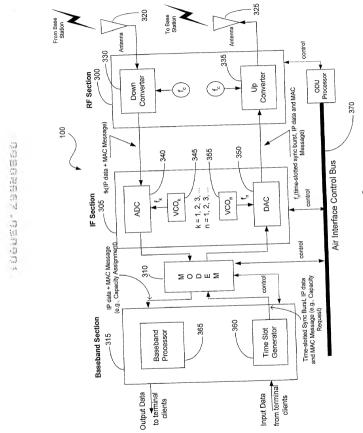


Figure 3

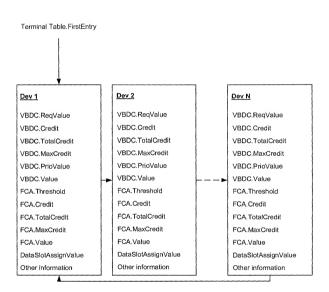
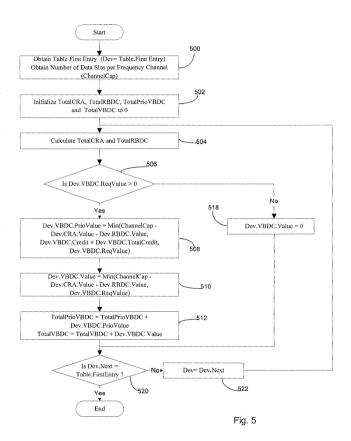
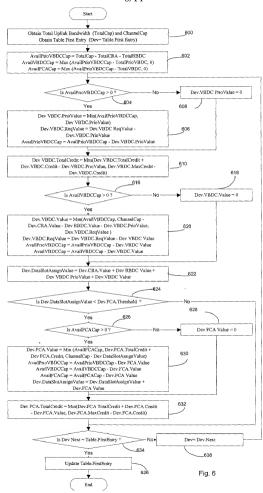


Fig. 4





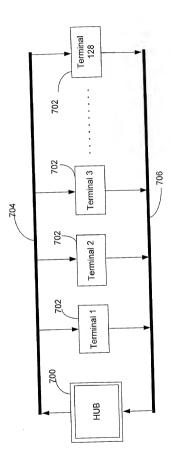


Fig. 7

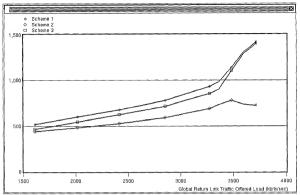


Fig. 8

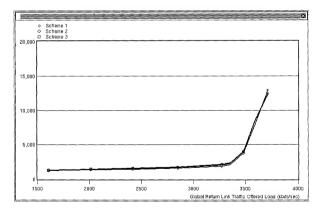


Fig. 9

Loads	Average Access Delay of High-Priority Data Packets (msec)			
(kbits/see)	Method 1	Method 2	Method 3	
1608.42	270.59	191.59	216.1	
2011.03	348.65	233.52	294.54	
2413.88	427.47	277.77	373.70	
2847.56	525.78	339.62	464.94	
3272.14	682.31	437.51	600.23	
3356.28	726.08	480.13	648.59	
3479.69	893.65	527.56	854.18	
3595.08	1062.48	484.59	1044.24	
3714.44	1165.45	472.87	1151.17	

Fig. 10

Loads	Average Access Delay of Low-Priority Data Packets (msec)		
(kbits/sec)	Method 1	Method 2	Method 3
1608.42	1114.18	1053.44	1071.35
2011.03	1234.59	1138.32	1202.86
2413.88	1364.27	1241.64	1334.74
2847.56	1547.28	1378.27	1513.48
3272.14	1935.08	1656.07	1852.20
3356.28	2151.55	1859.12	2059.55
3479.69	3812.93	3562.25	3691.50
3595.08	8417.75	7835.54	8311.45
3714.44	12246.85	12750.38	12140.83

Fig. 11

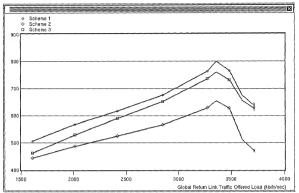


Fig. 12

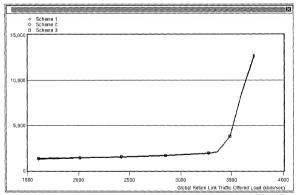


Fig. 13

Loads	Average Access Delay of High-Priority Data Packets (misec)			
(kbits/see)	Method 1	Method 2	Method 3	
1608.42	253.51	190.75	208.79	
2011.03	315.25	233.91	275.57	
2413.88	365.66	271.72	337.85	
2847.56	423.50	313.95	399.85	
3272.14	511.76	376.30	483.51	
3356.28	547.92	402.44	580.05	
3479.69	514.79	374.69	479.41	
3595.08	425.41	260.85	405.71	
3714.44	384.87	217.49	373.01	

Fig. 14

Loads	Average Access Delay of Low-Priority Data Packets (misec)		
(kbits/sec)	Method I	Method 2	Method 3
1608.42	1131.58	1072.20	1081.51
2011.03	1220.10	1178.51	1197.78
2413.88	1316.91	1279.67	1300.77
2847.56	1455.77	1410.12	1448.28
3272.14	1713.14	1667.59	1707.30
3356.28	1885.89	1861.12	1878.72
3479.69	3608.49	3596.70	3584.57
3595.08	8282.59	8330.28	8298.04
3714.44	12372.45	12507.22	12382.02

Fig. 15